

Myung Jin Oh

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

356
citations

840776

11
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Glyco-Analytical Multispecific Proteolysis (Glyco-AMP): A Simple Method for Detailed and Quantitative Glycoproteomic Characterization. <i>Journal of Proteome Research</i> , 2013, 12, 4414-4423.	3.7	42
2	Analytical platform for glycomic characterization of recombinant erythropoietin biotherapeutics and biosimilars by MS. <i>Bioanalysis</i> , 2013, 5, 545-559.	1.5	34
3	Expression of the protective antigen for PEDV in transgenic duckweed, <i>Lemna minor</i> . <i>Horticulture Environment and Biotechnology</i> , 2011, 52, 511.	2.1	28
4	Glycomic profiling of targeted serum haptoglobin for gastric cancer using nano LC/MS and LC/MS/MS. <i>Molecular BioSystems</i> , 2016, 12, 3611-3621.	2.9	24
5	Designation of fingerprint glycopeptides for targeted glycoproteomic analysis of serum haptoglobin: insights into gastric cancer biomarker discovery. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1617-1629.	3.7	23
6	Technologies for glycomic characterization of biopharmaceutical erythropoietins. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 68, 18-27.	11.4	21
7	Direct analysis of aberrant glycosylation on haptoglobin in patients with gastric cancer. <i>Oncotarget</i> , 2017, 8, 11094-11104.	1.8	21
8	Comprehensive Characterization of Biotherapeutics by Selective Capturing of Highly Acidic Glycans Using Stepwise PGC-SPE and LC/MS/MS. <i>Analytical Chemistry</i> , 2019, 91, 6064-6071.	6.5	17
9	Analytical detection and characterization of biopharmaceutical glycosylation by MS. <i>Bioanalysis</i> , 2016, 8, 711-727.	1.5	16
10	In-depth investigation of altered glycosylation in human haptoglobin associated cancer by mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2023, 42, 496-518.	5.4	14
11	Somatic embryogenesis and plant regeneration in zygotic embryo explant cultures of rugosa rose. <i>Plant Biotechnology Reports</i> , 2009, 3, 199-203.	1.5	13
12	High frequency plant regeneration from zygotic-embryo-derived embryogenic cell suspension cultures of watershield (<i>Brasenia schreberi</i>). <i>Plant Biotechnology Reports</i> , 2008, 2, 87-92.	1.5	12
13	High frequency plant regeneration system for <i>Nymphoides coreana</i> via somatic embryogenesis from zygotic embryo-derived embryogenic cell suspension cultures. <i>Plant Biotechnology Reports</i> , 2010, 4, 125-128.	1.5	11
14	Glycosylation of serum haptoglobin as a marker of gastric cancer: an overview for clinicians. <i>Expert Review of Proteomics</i> , 2020, 17, 109-117.	3.0	9
15	In-depth characterization of non-human sialic acid (Neu5Gc) in human serum using label-free ZIC-HILIC/MRM-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5227-5237.	3.7	9
16	Sensitive and comprehensive analysis of O-glycosylation in biotherapeutics: a case study of novel erythropoiesis stimulating protein. <i>Bioanalysis</i> , 2017, 9, 1373-1383.	1.5	8
17	Investigation of O-glycosylation heterogeneity of recombinant coagulation factor IX using LC-MS/MS. <i>Bioanalysis</i> , 2017, 9, 1361-1372.	1.5	8
18	Inhibition of poly-LacNAc biosynthesis with release of CMP-Neu5Ac feedback inhibition increases the sialylation of recombinant EPO produced in CHO cells. <i>Scientific Reports</i> , 2018, 8, 7273.	3.3	8

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19	MS Platform for Erythropoietin Glycome Characterization. <i>Mass Spectrometry Letters</i> , 2015, 6, 53-58.	0.5	8
20	Novel analysis procedure for red ginseng polysaccharides by matrix-assisted laser desorption/ionization time-of-flight/time-of-flight mass spectrometry. <i>Journal of Ginseng Research</i> , 2021, 45, 539-545.	5.7	7
21	Detection of Aberrant Glycosylation of Serum Haptoglobin for Gastric Cancer Diagnosis Using a Middle-Up-Down Glycoproteome Platform. <i>Journal of Personalized Medicine</i> , 2021, 11, 575.	2.5	6
22	Structural characteristics of sulfated polysaccharides from <i>Sargassum horneri</i> and immune-enhancing activity of polysaccharides combined with lactic acid bacteria. <i>Food and Function</i> , 2022, 13, 8214-8227.	4.6	5
23	Analysis of secretome and N-glycosylation of <i>Chlorella</i> species. <i>Algal Research</i> , 2021, 59, 102466.	4.6	3
24	Multi-Level Characterization of Protein Glycosylation. <i>Mass Spectrometry Letters</i> , 2013, 4, 10-17.	0.5	3
25	Isomer-Specific Monitoring of Sialylated N-Glycans Reveals Association of α 2,3-Linked Sialic Acid Epitope With Behcet's Disease. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 778851.	3.5	3
26	High-frequency plant regeneration from immature zygotic embryo cultures of <i>Houttuynia cordata</i> Thunb via somatic embryogenesis. <i>Plant Biotechnology Reports</i> , 2013, 7, 527-534.	1.5	2
27	In-Depth Glycan Characterization of Therapeutic Glycoproteins by Stepwise PGC SPE and LC-MS/MS. <i>Methods in Molecular Biology</i> , 2021, 2271, 121-131.	0.9	1
28	Validation of Monosaccharide Composition Assay Using HPLC-UV Platform for Monoclonal Antibody Products in Compliance with ICH Guideline. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1394-1399.	1.9	0